

We are advancing personalized medicine with non-antibody protein assays that measure functional cancer signaling networks in FFPE tissue to individualize and improve patient treatment decisions.

The diagram illustrates the signaling pathways of the HER family and the Insulin-like Growth Factor 1 Receptor (IGF-1R). The HER family, consisting of EGFR, HER2, HER3, and HER4, is shown with ligands (AREG, EREG) binding to the extracellular domain, leading to receptor activation and downstream signaling through PI3K, AKT, and MEK. The IGF-1R is shown with ligand (IGF-1) binding, leading to activation of V600E BRAF and MEK. The diagram highlights the cross-talk between these two pathways, specifically the activation of PI3K by the HER family and the activation of MEK by the IGF-1R.

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